

GENERAL NOTES

- A. ALL FIBER OPTIC CABLES ARE TO BE ROUTED IN 1" EMT CONDUIT ORANGE IN COLOR. NO LB'S OR CONDUIT BODIES ARE ALLOWED. PROVIDE MINIMUM 12"x12" J-BOXES WHERE REQUIRED. ALL J-BOXES TO BE ORANGE IN COLOR AND TO BE STENCILED "ENGINEERING FIBER OPTIC".
- B. PROVIDE ALL CUTTING AND PATCHING (INCLUDING FIRE STOPPING) OF FLOORS, WALLS, OR CEILINGS REQUIRED FOR THE FIRE ALARM SYSTEM, MATCH ADJACENT SURFACES.
- THESE DRAWINGS SHOW THE GENERAL LOCATIONS OF EXISTING FIRE ALARM CONTROL PANELS AND REMOTE FIRE ALARM ANNUNCIATORS. THE CONTRACTOR SHALL REMOVE ALL EXISTING CONTROL PANELS, ANNUNCIATORS AND ASSOCIATED FIRE ALARM NETWORK CONTROL COMPONENTS AND REPLACE WITH NEW ADDRESSABLE FIRE ALARM CONTROL PANELS, REMOTE FIRE ALARM ANNUNCIATORS AND ASSOCIATED COMPONENTS AS SHOWN ON THESE DRAWINGS AND OUTLINED IN THE SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATIONS OF ALL EXISTING AND NEW
- NEW NETWORK FIRE ALARM CONTROL PANELS SHALL BE CONNECTED WITH A NEW FIBER OPTIC PATHWAY INSTALLED IN CONDUIT AND ARRANGED FOR DATA AND VOICE
- . THE EXISTING FIRE ALARM NETWORK IS AN EDWARDS IRC3 MULTIPLEX FIRE ALARM SYSTEM UTILIZING ANALOG ADDRESSABLE SIGNALING LINE CIRCUIT TECHNOLOGY. EXISTING ANALOG ADDRESSABLE INITIATING DEVICES, SIGNALING LINE CIRCUIT WIRING, NOTIFICATION APPLIANCES, NOTIFICATION APPLIANCE WIRING, AND CONTROL CIRCUIT WIRING SHALL REMAIN AND CONNECT TO NEW FIRE ALARM CONTROL PANELS. NEW FIRE ALARM CONTROL PANELS SHALL BE ARRANGED FOR COMPATIBILITY WITH EXISTING DEVICES, APPLIANCE AND CONTROL CIRCUITS. REFER TO SPECIFICATIONS FOR ADDITIONAL DETAILS.
- EXISTING NOTIFICATION APPLIANCE SIGNALING IS ACCOMPLISHED WITH CONVENTIONAL HORN/STROBES AND SHALL REMAIN. THE NEW NETWORK FIRE ALARM SYSTEM SHALL BE ARRANGED WITH CONNECTIONS AND COMPONENTS FOR A FUTURE UPGRADE TO DIGITAL EMERGENCY VOICE/ALARM COMMUNICATIONS AS REQUIRED BY THE SPECIFICATIONS.
- G. THE CONTRACTOR SHALL PROVIDE, INSTALL AND CONNECT NEW CONDUIT AND WIRING FOR A COMPLETE SYSTEM. ALL ABANDONED FIRE ALARM WIRING AND RACEWAY SHALL BE
- H. SEE SPECIFICATIONS FOR INITIATING DEVICE, NOTIFICATION APPLIANCE CIRCUIT AND CONTROL CIRCUIT SCHEDULES FOR EXISTING FIRE ALARM CONTROL PANELS.

SEE SPECIFICATIONS FOR PHASING AND IMPAIRMENT REQUIREMENTS.

PLAN NOTES

- 1 DEMOLISH EXISTING FIRE ALARM CONTROL PANEL, POWER SUPPLIES, AND SWITCH
- 2 PROVIDE NEW 3/4"x4'x8' PAINTED, FIRE RETARDANT PLYWOOD BACKBOARD.
- PROVIDE NEW MAIN FIRE ALARM CONTROL UNIT WITH DIGITAL VOICE COMMUNICATION

CONTROLS. PROVIDE NEW GRAPHIC COMMAND CENTER WORKSTATION.

- 4 PROVIDE FIBER OPTIC TERMINATION CABINET.
- (5) EXISTING SECURITY SYSTEM HEAD END SERVER AND HEADER TO REMAIN AND BE PROTECTED DURING CONSTRUCTION.
- 6 APPROXIMATE ROUTE OF NEW FIBER OPTIC CONDUITS/CABLES. VERIFY ACTUAL ROUTE WITH EXISTING CONDITIONS. REFER TO SITE PLAN ON FS100 FOR CONTINUATION.
- (7) DEMOLISH EXISTING FIRE ALARM CONTROL PANEL CIRCUITS COMPLETE BACK TO SOURCE.
- (8) PROVIDE NEW DEDICATED 120V/20A CIRCUIT FROM PANEL 7-L1, CIRCUIT #27 (EXISTING SPARE CIRCUIT BREAKER). PROVIDE CIRCUIT BREAKER LOCK AND NEW TYPED PANEL
- (9) RELOCATE JOHNSON CONTROLS PANEL TO WEST WALL.
- (10) EXISTING IRC-3 PANELS TO BE DEMOLISHED AFTER NEW SYSTEM IS IN PLACE AND COMPLETELY OPERATIONAL.
- EXISTING ADT DIGITAL ALARM COMMUNICATOR TO BE DEMOLISHED AFTER NEW SYSTEM IS IN PLACE, TESTED AND COMPLETELY OPERATIONAL.
- RELOCATE EXISTING GENERATOR ANNUCIATOR TO ACCOMMODATE INSTALLATION OF NEW FIRE ALARM SYSTEM.
- (13) RELOCATE EXISTING METABUS MONITOR ALARM PANEL TO ACCOMMODATE INSTALLATION OF NEW FIRE ALARM SYSTEM.
- (14) EXISTING FIRE ALARM BYPASS PANEL TO BE TEMPORARILY RELOCATED TO WEST WALL TO ACCOMMODATE INSTALLATION OF NEW FIRE ALARM SYSTEM. PANEL TO BE DEMOLISHED AFTER NEW SYSTEM IN IN PLACE, TESTED AND COMPLETELY OPERATIONAL.
- (15) EXISTING FIRE ALARM PRINTER TO BE TEMPORARILY RELOCATED TO COUNTER ON WEST WALL AND DEMOLISHED AFTER NEW SYSTEM IS IN PLACE, TESTED AND COMPLETELY
- (16) COORDINATE WITH OWNER FOR CONNECTION OF (2) ANALOG PHONE LINES TO NEW FIRE

100% Construction Documents - For Construction

BUILDING 7 FIRE ALARM PLAN - FIRST FLOOR

FIRE ALARM REPLACEMENT 03.12.2013 PLOT SCALE
AS NOTED

CLOUD VA MEDICAL CENTER FA101-7
CLOUD, MN 56303

St. Cloud VA
Health Care System